

AMENDMENTS TO THE CLAIMS:

All pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously amended), (cancelled), (withdrawn), (new), (previously added), (reinstated - formerly claim #), (previously reinstated), (re-presented - formerly dependent claim #), or previously re-presented). Please AMEND claims 1, 10, 12, and 21, ADD new claims 34-38, and CANCEL claims 23-33 without prejudice or disclaimer in accordance with the following:

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1. (currently amended) Method for querying a database with database contents with a database structure comprising:

placing a query in a query structure that differs from the database structure wherein the query structure and the database structure reference a standard structure via a reference logic and wherein the reference logic is at least one of:

at least partially transmitted together with the query; and
is at least partially present in the database. ~~in that the query structure and the database structure; at least partially transmitting a reference logic together with the query and/or is at least partially present in the database.~~

2. (original) Method as claimed in Claim 1, wherein the reference logic is stored in the database.

3. (original) Method as claimed in Claim 1, wherein the standard structure is described by standard descriptors (GD), and the query structure and the database structure are described by these standard descriptors (GD) and/or more special descriptors (HD), wherein these more special descriptors (HD) reference the standard descriptors (GD) via the reference logic.

4. (original) Method as claimed in Claim 3, wherein standard descriptors (GD) present in the query structure are compared with the standard descriptors (GD) of the database, wherein identical standard descriptors (GD) are evaluated for the query.

5. (original) Method as claimed in Claim 3, wherein the special descriptors (HD) present in the query structure are compared with the special descriptors (HD) of the database,

wherein identical special descriptors (HD) are evaluated for the query.

6. (original) Method as claimed in Claim 5, wherein dissimilar special descriptors (HD) are reviewed to determine whether a computation logic is present in the database, so that a respective special descriptor (HD) of the database structure can be computed directly from the corresponding special descriptor (HD) of the query structure by means of the computation logic.

7. (original) Method as claimed in Claim 6, wherein the computation logic is stored in the database.

8. (original) Method as claimed in Claim 7, wherein, for dissimilar special descriptors (HD) for which no computation logic is present, a review is made to determine whether a reference logic to standard descriptors (GD) is at least partially present in the database.

9. (original) Method as claimed in Claim 7, wherein, for dissimilar special descriptors (HD) for which no computation logic and/or no reference logic is present, a review is made to determine whether the reference logic was transmitted together with the query.

10. (currently amended) Method as claimed in ~~any one of~~ Claim 7, wherein atomic elements defining the information and/or link of a special descriptor (HD) are used as the computation logic.

11. (original) Method as claimed in Claim 10, wherein the atomic elements used are semantic, physical and linking atomic elements to define the semantic meaning, the physical memory structure, and the link between memory structure and semantics.

12. (currently amended) Computer readable media embodying a database structure to execute a method comprising:

placing a query in a query structure that differs from the database structure wherein the query structure and the database structure reference a standard structure via a reference logic and wherein the reference logic is at least one of:

at least partially transmitted together with the query; and
is at least partially present in the database. ~~in that the query structure and the database structure reference a standard structure, and the reference logic is at least partially transmitted~~

~~together with the query and/or is at least partially present in the database.~~

B1 13. (original) Computer readable media as claimed in Claim 12, wherein the reference logic is stored in the database.

14. (original) Computer readable media as claimed in Claim 12, wherein the standard structure is described by standard descriptors (GD), and the query structure and the database structure are described by these standard descriptors (GD) and/or more special descriptors (HD), wherein these more special descriptors (HD) reference the standard descriptors (GD) via the reference logic.

15. (original) Computer readable media as claimed in Claim 14, wherein standard descriptors (GD) present in the query structure are compared with the standard descriptors (GD) of the database, wherein identical standard descriptors (GD) are evaluated for the query.

16. (original) Computer readable media as claimed in Claim 14, wherein the special descriptors (HD) present in the query structure are compared with the special descriptors (HD) of the database, wherein identical special descriptors (HD) are evaluated for the query.

17. (original) Computer readable media as claimed in Claim 16, wherein dissimilar special descriptors (HD) are reviewed to determine whether a computation logic is present in the database, so that a respective special descriptor (HD) of the database structure can be computed directly from the corresponding special descriptor (HD) of the query structure by means of the computation logic.

18. (original) Computer readable media as claimed in Claim 17, wherein the computation logic is stored in the database.

19. (original) Computer readable media as claimed in Claim 18, wherein, for dissimilar special descriptors (HD) for which no computation logic is present, a review is made to determine whether a reference logic to standard descriptors (GD) is at least partially present in the database.

20. (original) Computer readable media as claimed in Claim 18, wherein, for dissimilar special descriptors (HD) for which no computation logic and/or no reference logic is present, a

review is made to determine whether the reference logic was transmitted together with the query.

21. (currently amended) Computer readable media as claimed in ~~any one of~~ Claim 18, wherein atomic elements defining the information and/or link of a special descriptor (HD) are used as the computation logic.

22. (original) Computer readable media as claimed in Claim 21, wherein the atomic elements used are semantic, physical and linking atomic elements to define the semantic meaning, the physical memory structure, and the link between memory structure and semantics.

23. Cancelled.

24. Cancelled.

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27. Cancelled.

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30. Cancelled.

31. Cancelled.

32. Cancelled.

33. Cancelled.

34. (new) A method of querying a plurality of databases, comprising:
submitting a query in an original query structure to a plurality of databases; and